

**From:** John Bischoff [mailto:jb@barwater.com]  
**Sent:** Wednesday, March 09, 2011 8:18 AM  
**To:** Davidoff, Baryohay  
**Cc:** Rick Adler; Replogle John; Rosson EIT Clay A.  
**Subject:** draft SBx7-7 comments-597.3

Baryohay,

First, let me thank you for letting us participate in the discussion of this provision. I hope that by providing our comments we help in clarifying the intent of the law, and for making California ag water more modern; thus, allowing for more accurate measurements, and ultimately, for faster responses to changes in water demand.

I have attached our comments that were sent in to you on Feb. 22nd regarding water measurement accuracy.  
In addition, I have attached my edits (minimal) of the draft document discussed yesterday at the SBA meeting. Please peruse at your convenience.

I know that your edits were not done to slight anybody in any fashion. Having said that, the way I read the 597.3 section is that a home-made 'device' need only require 10% accuracy while manufactured 'devices' have to meet a 5% accuracy criteria (i.e. a district can choose option 2 and have to meet only 10% accuracy requirements).

I have made changes as follows:

1) I have put them into ONE option reading as such:

***“New Manufactured, In-house, or On-site Setups that are certified to be accurate at least within  $\pm 5\%$  by flow rate, velocity or volume.”***

2) It seems to me that for # (3) on each of 597.3 (a and (b should NOT be included in that location. I moved it to c) since it pertains to setups that were installed prior to the law being implemented.

3) I called 'device 🌕' now 'setup 🌕'. A device seems to me to imply a singular item, whereas a setup implies 'a measurement system'. Many measurements made need to follow a protocol for installation (i.e. installation of a weir, flume, meter, venturi, etc.), but in order for these measurement devices to work with maximum accuracy, they must have additional means of measuring water

level, pressure, etc. at specified locations; thus, the device needs to be setup properly, in order to meet the maximum accuracy of the device.

I understand that a PE needs to sign off on an installation in following option 2, insuring proper installation with protocol for measuring followed. This is a good thing. It is the accuracy requirement differences that appear to be bias (i.e. if it is 'home-made', it need not be as accurate as a 'manufactured' setup). I hope that you can see my point here.

As I don't have Greg Young's email address, would you do me the service of forwarding this to him?

Thank you.

Warm regards,

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